


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 922-32N4CS		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 307-752-1169		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL Laura.Gianakos@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML 22649		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1174 FSL 2299 FWL	SESW	32	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	310 FSL 2234 FWL	SESW	32	9.0 S	22.0 E	S
At Total Depth	310 FSL 2234 FWL	SESW	32	9.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 310		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 821		26. PROPOSED DEPTH MD: 9261 TVD: 9127		
27. ELEVATION - GROUND LEVEL 4990		28. BOND NUMBER 22013542		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		
ATTACHMENTS						
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Danielle Piernot		TITLE Regulatory Analyst		PHONE 720 929-6156		
SIGNATURE		DATE 12/01/2009		EMAIL gnbregulatory@anadarko.com		
API NUMBER ASSIGNED 43047508340000		APPROVAL  Permit Manager				

T9S, R22E, S.L.B.&M.

Found 1977
Brass Cap.
Pile of Stones.

S89°58'W 80.12 (G.L.O.)

Found 1977
Brass Cap,
Pile of Stones.

S89°57'38"W - 2643.14' (Meas.)

S89°57'04"W - 2643.87' (Meas.)

N0°06'W - 40.14 (G.L.O.)
N00°03'01"W - 2649.38' (Meas.)

Found 1977
Brass Cap.
Pile of Stones.

NBU 922-32N4CS (Surface Position)
NAD 83 LATITUDE = 39.988473° (39° 59' 18.503")
LONGITUDE = 109.465080° (109° 27' 54.288")
NAD 27 LATITUDE = 39.988508° (39° 59' 18.628")
LONGITUDE = 109.464395° (109° 27' 51.824")

NBU 922-32N4CS (Bottom Hole)
NAD 83 LATITUDE = 39.986103° (39° 59' 09.971")
LONGITUDE = 109.465311° (109° 27' 55.121")
NAD 27 LATITUDE = 39.986138° (39° 59' 10.097")
LONGITUDE = 109.464627° (109° 27' 52.657")

N00°00'59"W - 2649.28' (Meas.)
N0°03'W - 40.14 (G.L.O.)

Found 1977
Brass Cap.
Pile of Stones.

Found 1977
Brass Cap,
Pile of Stones.

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**WELL LOCATION:
NBU 922-32N4CS**

ELEV. UNGRADED GROUND = 4990.1'

N0°02'W - 40.07 (G.L.O.)
2644.48' (Measured)

N00°01'20"E (Basis of Bearings)

2299'

Well Surface
Position

2234'

Bottom of
Hole
1174'
310'

Found 1977
Brass Cap, Pile
of Stones.

Found 1977
Brass Cap.
Pile of Stones.

N89°58'56"E - 2647.21' (Meas.)
N89°57'E - 40.11 (G.L.O.)

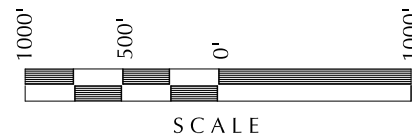
N89°56'35"E - 2647.66' (Meas.)
N89°54'E - 40.14 (G.L.O.)

Found 1977
Brass Cap, Pile
of Stones.

NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- The Bottom of hole bears S04°17'45"W 865.97' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 362251
STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 922-32N

**NBU 922-32N4CS
WELL PLAT**

310' FSL, 2234' FWL (Bottom Hole)
SE $\frac{1}{4}$ SW $\frac{1}{4}$ OF SECTION 32, T9S, R22E,
S.L.B.&M., UTAH COUNTY, UTAH.



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TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 07-07-09	SURVEYED BY: M.S.B.	SHEET NO:
DATE DRAWN: 07-08-09	DRAWN BY: M.W.W.	3
SCALE: 1" = 1000'	Date Last Revised: 09-28-09	3 OF 14